

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-39 (cancelled)

40. (new) A system for providing assistance to emergency personnel which comprises:

apparatus for first detecting the presence of personnel within a protected premises;

apparatus for continuously storing data defining a location of personnel within a protected premises;

apparatus for subsequently detecting an imminent threat selected from the group consisting of fire, seismological and terrorist events;

apparatus, responsive to the apparatus for subsequently detecting, for displaying the location of personnel within protected premises.

41. (new) A system for providing assistance to emergency personnel as described in claim 40 including apparatus for storing the location of personnel within protected premises.

42. (new) A system for providing assistance to emergency personnel as described in claim 41 wherein said apparatus for storing location of personnel includes nonvolatile memory.

43. (new) A system for providing assistance to emergency personnel as described in claim 42 wherein said apparatus for storing is capable of storing such data for a plurality of time periods.

44. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein said apparatus for detecting an imminent threat includes an ionization-type detector.

45. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein said apparatus for detecting an imminent threat includes a photoelectric detector.

46. (new) A system for providing assistance to emergency personnel as described in claim 40 that utilizes fuzzy logic.

47. (new) A system for providing assistance to emergency personnel as described in claim 40 that utilizes Boolean logic.

48. (new) A system for providing assistance to emergency personnel as described in claim 40 that utilizes temperature sensing.

49. (new) A system for providing assistance to emergency personnel as described in claim 40 that includes at least one thermistor.

50. (new) A system for providing assistance to emergency personnel as described in claim 49 that includes a plurality of thermistors.

51. (new) A system for providing assistance to emergency personnel as described in claim 42 further including structure for determining the last known good position information.

52. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein said apparatus for detecting includes ultrasonic apparatus.

53. (new) A system for providing assistance to emergency personnel as described in claim 40 includes microwave apparatus.

54. (new) A system for providing assistance to emergency personnel as described in claim 40 that includes infrared sensing.

55. (new) A system for providing assistance to emergency personnel as described in claim 40 that includes both passive infrared and microwave sensors.

56. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein said apparatus responsive to said apparatus for detecting for displaying the location of personnel within protected premises relies on a logic circuit for responsiveness.

57. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein said apparatus responsive to said apparatus for detecting for displaying the location of personnel within protected premises relies on a microprocessor for responsiveness.

58. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein the apparatus for displaying the location of personnel within protected premises includes a floor plan on which the locations are defined.

59. (new) A system for providing assistance to emergency personnel as described in claim 40 wherein the apparatus for displaying includes wireless apparatus for remotely displaying the location of personnel within protected premises.

60. (new) A system for providing assistance to emergency personnel which comprises:

apparatus for first detecting the presence of personnel within a protected premises and apparatus for storing the location of personnel within protected premises that includes nonvolatile memory and which is capable of storing such data for a plurality of time periods;

apparatus for subsequently detecting an imminent threat selected from a group consisting of a fire, seismological and terrorist events;

apparatus, responsive to the apparatus for detecting, for displaying the location of personnel within protected premises.

61. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein said apparatus for detecting an imminent threat utilizes portions selected from the group consisting of an ionization-type detector, a photoelectric detector, fuzzy logic, Boolean logic, temperature sensing, and at least one thermistor.

62. (new) A system for providing assistance to emergency personnel as described in claim 61 further including structure for determining the last known good position information.

63. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein said apparatus for detecting includes ultrasonic apparatus.

64. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein said apparatus includes microwave apparatus.

65. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein said apparatus for detecting includes infrared sensing.

66. (new) A system for providing assistance to emergency personnel as described in claim 60 that includes both passive infrared and microwave sensors.

67. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein said apparatus responsive to said apparatus for detecting for displaying the location of personnel within protected premises relies on a logic circuit for responsiveness.

68. (new) A system for providing assistance to emergency personnel as described

in claim 60 wherein said apparatus responsive to said apparatus for detecting for displaying the location of personnel within protected premises relies on a microprocessor for responsiveness.

69. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein the apparatus for displaying the location of personnel within a protected premises includes a floor plan on which the locations are defined.

70. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein the apparatus for displaying includes wireless apparatus for remotely displaying the location of personnel within protected premises.

71. (new) A system for providing assistance to emergency personnel as described in claim 60 wherein the apparatus for displaying includes a graphic keypad and a security panel that allows selective visual monitoring and selective audio monitoring of a plurality of locations within protected premises.

72. (new) A system for providing assistance to emergency personnel which comprises:

apparatus for detecting the presence of personnel within a protected premises and apparatus for storing the location of personnel within protected premises that includes nonvolatile memory and which is capable of storing such data for a plurality of time periods;

apparatus for subsequently detecting an imminent threat that utilizes at least one portion selected from the group consisting of an ionization-type detector, a photoelectric detector, fuzzy logic, Boolean logic, temperature sensing, at least one thermistor, ultrasonic apparatus, microwave apparatus, and infrared sensing;

apparatus, responsive to the apparatus for detecting, for displaying the location of personnel within protected premises that includes portions selected from the group selected from the group consisting of a logic circuit, a microprocessor, a floor plan on which the locations are defined, wireless apparatus for remotely displaying the

location of personnel within protected premises and a graphic keypad and a security panel that allows selective visual monitoring and selective audio monitoring of a plurality of locations within protected premises.

73. (new) A method for providing assistance to emergency personnel which includes:

detecting the presence of personnel within a protected premises;

storing data defining the location of personnel within a protected premises;

detecting a subsequent imminent threat selected from a group consisting of a fire, seismological and terrorist events;

displaying the location of personnel within protected premises when an imminent threat is detected.

74. (new) A method for providing assistance to emergency personnel as described in claim 73 wherein the step of storing data defining the location of personnel within a protected premises includes continuously storing data defining the location of personnel within a protected premises.

75. (new) A method for providing assistance to emergency personnel as described in claim 73 wherein the step of storing the location of personnel nonvolatile memory.

76. (new) A method for providing assistance to emergency personnel as described in claim 74 wherein the step of storing the location of personnel includes the step of storing data for personnel within a protected premises for each of a plurality of time periods.

77. (new) A method for providing assistance to emergency personnel as described in claim 73 wherein the step of detecting an imminent threat includes providing apparatus that includes a complement selected from (a.) ionization-type detector, (b) a photoelectric detector, (c) fuzzy logic, (d) Boolean logic, (e) temperature sensing,

(f) ultrasonic apparatus, (g) at least one thermistor, (h) microwave apparatus and (i) infrared sensing. (new)

78. (new) A method for providing assistance to emergency personnel as described in claim 73 further including the step of determining the last known good position information.